

SOLE/JOINT

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled: **"LASER BEAM MACHINING METHOD FOR WIRING BOARD, LASER BEAM MACHINING APPARATUS FOR WIRING BOARD, AND CARBONIC ACID GAS LASER OSCILLATOR FOR MACHINING WIRING BOARD"**

which application is:

☐ the attached application
(for original application)

☒ application Serial No. 08/690,140

filed July 31, 1996, and amended on _____

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above: that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application under 37 C.F.R. 1.56(a), i.e. such information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent: that I hereby claim foreign priority benefits under Title 35, United States Code §119, §172 or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed (yes or no)
201194/95	Japan	August 7, 1995	Yes
059862/96	Japan	March 15, 1996	Yes

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any material information under 37 C.F.R. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)

I hereby appoint John H. Mion, Reg. No. 18,879, Donald E. Zinn, Reg. No. 19,046, Thomas J. Macpeak, Reg. No. 19,292, Robert J. Seas, Jr., Reg. No. 21,092, Darryl Mexic, Reg. No. 23,063, Robert V. Sloan, Reg. No. 22,775, Peter D. Olexy, Reg. No. 24,513, J. Frank Osha, Reg. No. 24,625, Waddell A. Biggart, Reg. No. 24,861, Robert G. McMorrow, Reg. No. 19,093, Louis Gubinsky, Reg. No. 24,835, Neil B. Siegel, Reg. No. 25,200, David J. Cushing, Reg. No. 28,703, John R. Inge, Reg. No. 26,916, Joseph J. Ruch, Jr., Reg. No. 26,577, Sheldon I. Landsman, Reg. No. 25,430, Richard C. Turner, Reg. No. 29,710, Howard L. Bernstein, Reg. No. 25,665, and Alan J. Kasper, Reg. No. 25,426, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date September 12, 1996 First Inventor Miki Kurosawa
 Residence Tokyo, Japan Signature Miki Kurosawa
 Citizenship Japan Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date September 12, 1996 Second Inventor Tsukasa Fukushima
 Residence Tokyo, Japan Signature Tsukasa Fukushima
 Citizenship Japan Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date September 12, 1996 Third Inventor Masanori Mizuno
First Name Middle Initial Last Name
Residence Tokyo, Japan Signature Masanori Mizuno
Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3,
Citizenship Japan Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date September 12, 1996 Fourth Inventor Shozui Takeno
First Name Middle Initial Last Name
Residence Tokyo, Japan Signature Shozui Takeno
Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3,
Citizenship Japan Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date September 12, 1996 Fifth Inventor Masaharu Moriyasu
First Name Middle Initial Last Name
Residence Tokyo, Japan Signature Masaharu Moriyasu
Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3,
Citizenship Japan Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date September 12, 1996 Sixth Inventor Masayuki Kaneko
First Name Middle Initial Last Name
Residence Tokyo, Japan Signature Masayuki Kaneko
Post Office Address c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3,
Citizenship Japan Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan

Date _____ Seventh Inventor _____
First Name Middle Initial Last Name
Residence _____ Signature _____
Post Office Address _____
Citizenship _____

Date _____ Eighth Inventor _____
First Name Middle Initial Last Name
Residence _____ Signature _____
Post Office Address _____
Citizenship _____

Date _____ Ninth Inventor _____
First Name Middle Initial Last Name
Residence _____ Signature _____
Post Office Address _____
Citizenship _____